



Description

Tested by SGS for the following:

- Candida Albicans
- Pseudo Monas Aeruginosa
- Enterocooccus Faecalis
- Bacilus Suptils Suvsp
- Streptococcus Mutans
- Klebsiella Pneumoniae
- Escherechia Cli
- Staphylococcus Aureus
- Salmonella Enterica Subsp Enteric



Features

• UVC Sweeper Mop

Clean edges and corners, No toxin remain, 24* UVC LED, Handle folds for easy storage

Ionizing radiation vs Non-ionizing radiation

- Ionizing radiation damages bacterial DNA by breaking DNA strands and causing chemical changes.
- It generates reactive oxygen species (ROS) that damage cellular components like proteins, lipids, and DNA.
- Ionizing radiation disrupts protein structures, leading to dysfunction of essential cellular processes.
- Cell membranes can be damaged, causing leakage of cellular components.
- Ionizing radiation inhibits bacterial reproduction and division.
- The effectiveness of ionizing radiation depends on factors like radiation dose and bacterial species.
- Ionizing radiation is used for sterilization and disinfection in healthcare and food safety applications.
- UV Light is within the ionizing radiation regime.



APS TECHNOLOGY

UVC SWEEPER MOP



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